
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

In re application of: SCHNEIDER et al.

Attorney Docket No.: REALP001

Application No.: 09/259,179

Examiner: INGBERG, Todd D.

Filed: February 26, 1999

Group: 2124

Title: REAL-TIME CONTROL SYSTEM
DEVELOPMENT TOOL

DRAFT**PROPOSED SUPPLEMENTAL AMENDMENT C**

Dear Examiner Ingberg:

In response to the Office communication dated March 24, 2003, the proposed supplemental amendment is as follows:

In the Claims:

Please cancel claims 28, 35, and 43. Please amend claims 23, 27, 29, 31, 36, 37, 38, 42, and 45, as follows:

1-50 (Cancelled)

51. (New) A method of defining modes of operation for, and mapping said modes through, a hierarchical system, wherein said hierarchical system comprises a multi-level hierarchy, with a set of components at each level, said method comprising defining one or more modes at each level by
- identifying an intuitive name for a mode; and
 - choosing a subset of said set of components in said level; and
 - choosing a sub-mode for each chosen component, so that said mode is defined by the sub-modes of the chosen components, where in the simplest (end condition) case, said sub-mode indicates if the component is active or not, whereby when said level is executing in said mode, only active components will execute.